

# Substance Details Report

January 10, 2017

## Core Metadata

<b>Substance Type</b>	Chemical Substance
<b>EPA Registry Name</b>	Methylmercury(1+)
<b>EPA Registry Name List</b>	Chemical Identification
<b>Systematic Name</b>	Mercury(1+), methyl-
<b>Systematic Name List</b>	Chemical Abstracts Index Name
<b>Preferred Acronym</b>	
<b>CAS Number</b>	22967-92-6
<b>EPA Identification Number</b>	
<b>TSN Number</b>	
<b>Kingdom</b>	
<b>ICTVDB</b>	
<b>Molecular Formula</b>	CH <sub>3</sub> Hg
<b>Molecular Weight</b>	215.62
<b>Comment/Description</b>	

<b>Internal Tracking Number</b>	222877
<b>Substance Status</b>	Approved

## Definition

## Classifications

Mercury containing

## Associated Identifiers

There is no information about former or incorrectly used identifiers.

## Structure

<b>Notation</b>	<b>Notation Type</b>
[Hg+]C	SMILES

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## Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

### Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
SARA 110	Methylmercury	Valid	10/17/1991	

### EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
CERCLIS3	Methyl mercury	Valid		
ECOTOX	Methyl mercury	Valid		
ECOTOX	Methyl mercury(1+), ion	Valid		
EIS	Mercury (organic)	Ambiguous	01/01/1970	12/31/2005
GCES	Methylmercury (+1 ion)	Valid		
GLENDA	Mercury(1+), methyl-, ion	Valid		
ICIS-Air	Methyl mercury	Valid		
IRIS	Methylmercury	Valid		
STORET	Methylmercury (+1) ion	Valid		
WQX	Methylmercury(1+)	Valid		

### Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
ATSDR	Methyl mercury	Valid		
CA Index	Mercury(1+), methyl-	Valid		
ChemIDStd	Methylmercury(1+)	Valid		
HSDB	Methylmercury	Valid		
ITER	Methylmercury(1+)	Valid	12/19/2014	

### Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
RSL	Methyl Mercury	Unknown		
SCDM	Methylmercury	Valid		

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Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
WDNR	Mercury methyl	Unknown	03/27/2013	

## EPA Synonyms

There are no Synonyms of this type.

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## Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

## Related References

<http://www.atsdr.cdc.gov/mrls/mrllist.asp>  
<http://www.epa.gov/iris/subst/0073.htm>  
[http://cfpub.epa.gov/ncea/iris/index.cfm?fuseaction=iris.showQuickView&substance\\_nmbr=0073](http://cfpub.epa.gov/ncea/iris/index.cfm?fuseaction=iris.showQuickView&substance_nmbr=0073)  
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=22967-92-6&result=advanced>  
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0022967926>  
[https://iter.ctc.com/publicURL/p\\_report\\_view\\_list.cfm?crn=22967%2D92%2D6](https://iter.ctc.com/publicURL/p_report_view_list.cfm?crn=22967%2D92%2D6)